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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,447	03/10/2004	David J. Rizzo	ILS / 77	4421
26875	7590	01/19/2005	EXAMINER	
WOOD, HERRON & EVANS, LLP 2700 CAREW TOWER 441 VINE STREET CINCINNATI, OH 45202			VU, HIEN D	
			ART UNIT	PAPER NUMBER
			2833	

DATE MAILED: 01/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/797,447	Applicant(s) RIZZO ET AL.	
	Examiner Hien D. Vu	Art Unit 2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 October 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8, 11 and 19 is/are pending in the application.
 4a) Of the above claim(s) 9, 10 and 12-18 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 11 and 19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>7/20/04</u> . | 6) <input type="checkbox"/> Other: _____ |

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1. Applicant's election of species 1, figs. 1-3, claims 1-8, 11 and 19 in paper dated 10/20/04 is acknowledged.

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the features of claims 6-8 and 19 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

3. Claims 6-8 and 19 are objected to because the features of claims 6-8 and 19 are unclear since they are not shown in the drawings.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-8, 11 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ashcraft (913) in view of Smith et al (443).

Insofar as the claims can be understood, Ashcraft and Smith are applied as followed:

Ashcraft, figs. 3-4, show a connector for removably mounting to a stud of an electrical transformer comprising a body member 71 having a plurality of dividing walls (not labeled) defining a plurality of channels (73-76) each capable of receiving a conductor (116-119), a plurality of binding screw 81-84 capable of being tightened the conductors in the channels and a first bore 87 adapted to releasably coupled with the stud of the electrical transformer. Ashcraft does not show the connector having a plurality of cap members. Smith (443), figs. 2 & 5 show a connector having cap members 14 for removably engaged with channels (not labeled). It would have been obvious to one with skill in the art to modify the connector of Ashcraft by forming the connector with cap members for removably engaged with channels, as taught by Smith, in order to allow easier assembly.

As to claim 2, the body member having a first end and a second section with the dividing walls.

As to claim 3, each of the cap members having side edges and pair of side flanges 60, 62 to be received in confronting channels 46, 48 as shown in fig. 1 of Smith.

As to claim 4, each of confronting channel having a downwardly facing cam surface angled with a downward inclination angle as shown in fig. 1 of Smith.

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As to claim 5 the binding screw is tightened so as to restrict movement of the cap members relative to the receiving channels.

As to claims 6-8, the transformed stud 121 is threaded in the first bore 87.

As shown in fig. 3 of Ashcraft, the transformed stud is frictional fit and a binding screw 89 capable of being tightened to inhibit withdrawal of the stud from the bore 87.

As to claims 11, 19, the first bore extends in a first direction substantially perpendicular to the second direction of the conductor channels as shown in fig. 3 of Ashcraft.

6. Norden, Ashcraft et al (131), Klosin et al, and McGrane are cited for disclosure of transformer stud electrical connectors.

7. Any inquiry concerning this communication should be directed to Hein D. Vu at telephone number (571) 272-2016.

Vu/ds

01/04/05


HIEN VU
PRIMARY EXAMINER